

School of Computing Science and Engineering

B.Tech CSE
ETE - Jun 2023

Time : 3 Hours

Marks : 100

Sem II - E1UA204B - Cyber Laws and Security Policies

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. How IT professional help to make cyber web space safe. K2 CO2 (5)
2. What is cyber defense? How it can perform. K3 CO3 (5)
3. What is the purpose of Cyber Law and significance in the current scenario. K1 CO1 (5)
4. Compare attack and threat. What are the common security attacks. K4 CO4 (10)

OR

- Differentiate between the following: K4 CO5 (10)
- i) Digital Signature and Electronic Signature
 - ii) IT Act 2000 and IT (Amendment) Act 2008
 - iii) Encryption and Compression
5. What are the proactive approaches for cyber defence. Identify Some critical approached for defend state infrastructures. K2 CO2 (10)
 6. What do you understand Scale of Cyber Threat. Identify Various types of Cyber Threat. K1 CO1 (10)
 7. What are the 3 principles of cyber defense? Eleborate each one in the terms of crtical state infrastructure. K4 CO3 (10)
 8. Write short notes any of three (5 Marks each). K3 CO4 (15)
 - i) Cyber Stalking
 - ii) Trojan Horse
 - iii) DDoS Attak
 - (iv) Software Privacy
 9. What is cyberspace.Describe any 5 top cyber crimes in India. Explain Cyber defamation briefly. K3 CO2 (15)
 10. Write the concept of botnet briefly. What is Ramsomare attack. Can you explain any popular ransomare attack in recent time. What are the security challenges in cloud storage. K4 CO5 (15)

OR

- What are the Network Service providers/ Internet service provider liability? If in your area three ISP (ISP1, ISP2,ISP3) provider is there.How to compare (Identify parameter) by which you select the ISP for your university. K4 CO6 (15)